

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

601/570-7634 • Fax 601/576-7931 • www.HealthyMS.com

Equal Opportunity In Employment/Service

2011 NET 18 AN10: 54

2010 Annual Drinking Water Quality Report – Corrective Copy Big Field Water Association PWS#: 0600002 May 2011

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Tallahatta Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Big Field Water Association have received lower to higher susceptibility rankingsto contamination,

If you have any questions about this report or concerning your water utility, please contact W.E. Snyder at 662-444-0065. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meeting scheduled for June 15, 2011 at 7:00 PM at the plant.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during for the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination



Inorganic	Cont	aminant	s						
10. Barium	N	2010	.001	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	Ν	2008*	.02	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
17. Lead	N	2008*	3	0	ppb	0	AL=18	Corrosion of household plumbing systems, erosion of natural deposits	
Disinfection	n By	-Produc	ts						
81. HAA5	N	2007*	20	No Range	ppb	0	60	By-Product of drinking water disinfection.	
82. TTHM [Total trihalomethanes]	N	2007*	25.92	No Range	ppb	0	80	By-product of drinking water chlorination.	
Chlorine	N	2010	.88	.4 – 1.5	ppm	0	MRDL = 4	Water additive used to control microbes	

^{*} Most recent sample. No sample required for 2010.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Big Field Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

2010 Furniad Dishalog Wileyan Quality Region in Generative Copy Buy Flood Wileya Resolvation PW769: D800002 #889/2011

The query water accumum of the communication out public ander system to deprivate the executions of a control of control of the gradest accommodate, noticing anything of the entrol of the system and product and

it van tuma son goverhum about flas sajort er concepting your water yither, shows and heal VIII. Bryter et 387 dat UCHT. We want son salved traditional tria materiaal about flast sealer 1910), if you went jo seem mant flasses stated for modifing colocitied for June 15, 307 at 75 of 85 or the point.

2011 of 11 col 456 of the project in a catalogue of a vive of devices whether expectations are read planes and the catalogue of the project of the period of desired; 1 col devices of the period of desired; 2 col devices of the period of the per

na gam hadan yana ndi hadi shany toesto and abbrengtiform you nagra not ina handaar meta. To hada you betsan canancharan ahana hanna usako prombalid dha kalkaning osifishiina:

Acomo Labor - the concertibility of a contentrate which, if included, biggins fromthere of other regularisents which a with species separately.

Provincest Technique (TT) , A treatment localisque le se required province retardad to reduce the level of a contensional in diffiking makes

Machinem Constantinent Level (MCL) - The "Machinem Admirect" (MCL) in the highest level of a unitabilities what is abound as directing water. MCLs are now to come as the 600 GH on the other or the machinem with the following.

Management Commissional Lensel Close (NCC II) - The "Coull (MCC II) is the level of a presiperational to deleting motive helion which there is no should be become for becomes from the track. MCC Clin mixes for an increase of backety.

Missimuse Physiologici Charateurium Labrat (Labrica) — This higheral leant ut in distinction alloward in territory) white: Tenne in increasional exhibition of a describedard in necessary for construct exhibition contaminates in a describedar in necessary for construct exhibition contaminates also

Magnetium Hausthus "Mah dischart Lovel Good flatfill Gij — The komb of a divising weige discriptions besone which there is no knowled to consider the constraint of the use of discharacies to control reconstruction constraints in the construction of the use of discharacies to control reconstruction constraints.

1 water comme	Pillon. III harren (17)			TEST R	المرا المالات راه			
Canadian roughout	Stokenin 1914	Class Craferiers	Lieved Liektries	Paring of Colorests for a fit favorate Connecting	BORD WESSERS FORM	MSC4.Q	PACS	Liberty Secures of Constantination
	lett Varioreri		n mereka dan mereka		,		eneran V-seleter	researcher authorized and a characteristic and a ch
nerganie	Course	Bo (Para fr	ı					
# B.20-11	P.I	\$CH.	.001	No Stadow	pipers	2	2	Standarga of diffing souths. classifying from motel advances. around of historial dissocials.
al. Capasau	N	1007.	.07	C	\$6PI	1.5	AL.or. A	Carryctor of houseasts planters speciming from except persons as poor
r Count	4	5:00	7	f.	part.	8	ALUSA	
) Sin inf ecti	un My-Y	^{प्र} रक्षीसकाः	i.					
· rikes	bi.	2.07	30	Pus Hariga	ppe	U		Hydronakust of elements; exerter Organizacións
THINK		2000	24.93	12 Reflect	550	Carried		PLANTONIAN OF LANGES WAS

[&]quot; kilusi reocus pampin, un aumpre required for 2010

We give energing to somethy year control weight and a specific constituents on a majority board. However, or require announced by sent an indicator of windows or mid-out determines to be made the sent of the se

If primary, always defined in the control has a second of the control of the cont

As accuracy of demaining water are assigned to potential concernations by admits from that are naturally occurring or than make. Three additionant has for proceeding, inorganic or organic chemicals, and rediced assistances. As admits yetter increding builded weater increding the control of control admits admits of source antisentence. The proceeding of conformation that are not controlled to the control of conformation that are not controlled to the control of conformation of the control of the c

Commit generals must be involve state to contact the state that the property published in the number of committee and the property of the prop

The BSG Filed Pearst Autocoacce to this account the clock in recorded two catality maker to away tag. We ask that the our currentees had no protect our visiter senances, serior into the healt of our currenters, our way at the act our retignation of plant.

Proof of Publication

STATE OF MISSISSIPPI COUNTY OF QUITMAN

PERSONALLY appeared before me, a notary publicin and forsaid County and State, CAROL P. KNIGHT, who after being duly sworn, deposes and says that she is the publisher of the QUITMAN COUNTY DEMOCRAT, a newspaper published weekly in the City of Marks, in said County and State and that the Big Field Water Quality Report

a true co	py of which	h is here	attached,	Was
published	l forcon	rsecutive v	veekly issu	ies in
said new:	spaper as fol	liows:	8	
Volume	Number		Date	
105	6	June	2 20	LL

A City and Supplierer Fraffic.	WARREN AND	4 at 6,4 1,11,.						
105	6	June 2 20 11						
was newstran posteriors and the	STATELBRANCHULBERS)	20 har conservation when the state of the st						
and many with the Bull Lib	NSC 1.25 cold required on a support cold of the							
**************************************	ANADOT CHA SAREN AD SAN AL CALONISSIS	american service and service a						
MARKET SALES OF THE SALES OF TH		20						
acrousing systems	SANCE CONTRACTOR AND ADDRESS.	and the second s						

I also certify that the QUITMAN COUNTY DEMOCRAT is the official newspaper of Quitman County, Mississippi, and all incorporated towns therein, and that it is a legal newspaper, having been published consecutively each week for more than one year immediately preceding the publication of the attached legal advertisement.

(Signed) Carol & Knight
Publisher

Sworn to and subscribed before me this

101H day of JUNF 20 11 William B. Massa, Notary Public

My Commission Expires April 19, 2015

(SEAL)

